

Table E1. - Forest Productivity

Southampton County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber	
			Cu Ft/Acre	
1B:				
Alaga	loblolly pine	80	114	loblolly pine
	longleaf pine	70	86	
2A:				
Altavista	American beech	---	0	loblolly pine
	loblolly pine	91	129	
	longleaf pine	87	114	
	red maple	---	0	
	shortleaf pine	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	water oak	---	0	
	white oak	77	57	
	yellow-poplar	---	0	
Tomotley	---	---	---	---
2B:				
Altavista	American beech	---	0	loblolly pine
	loblolly pine	91	129	
	longleaf pine	87	114	
	red maple	---	0	
	shortleaf pine	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	water oak	---	0	
	white oak	77	57	
	yellow-poplar	---	0	
Tomotley	---	---	---	---
3A:				
Augusta	American beech	---	0	American sycamore
	American sycamore	90	100	cherrybark oak
	loblolly pine	90	129	loblolly pine
	red maple	---	0	sweetgum
	shortleaf pine	---	0	yellow-poplar
	southern red oak	80	57	
	sweetgum	90	100	
	water oak	---	0	
	white oak	80	57	
	yellow-poplar	---	0	
Tomotley	---	---	---	---
4A:				

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	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
4A:				
Bibb	Atlantic white cedar	---	0	eastern cottonwood
	blackgum	---	0	loblolly pine
	loblolly pine	100	157	sweetgum
	sweetgum	90	100	yellow-poplar
	water oak	90	86	
	yellow-poplar	---	0	
5B:				
Bojac	loblolly pine	80	114	loblolly pine
	southern red oak	70	57	sweetgum
	sweetgum	80	86	
	Virginia pine	75	114	
	white oak	---	0	
6A:				
Buncombe	American sycamore	---	0	American sycamore
	elm	---	0	eastern white pine
	hickory	---	0	loblolly pine
	loblolly pine	90	129	yellow-poplar
	northern red oak	---	0	
	river birch	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	yellow-poplar	100	114	
Chewacla	---	---	---	---
7A:				
Chastain	baldcypress	---	0	baldcypress
	sweetgum	95	114	sweetgum
	water oak	---	0	
	water tupelo	---	0	
8A:				
Chastain	---	---	---	---
9A:				

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	Common Trees	Site Index	Volume of Wood Fiber	
			Cu Ft/Acre	
9A:				
Chewacla	blackgum	---	0	American sycamore
	eastern cottonwood	---	0	loblolly pine
	green ash	---	0	sweetgum
	loblolly pine	95	143	yellow-poplar
	red maple	---	0	
	southern red oak	---	0	
	sweetgum	97	129	
	water oak	80	72	
	willow oak	---	0	
	yellow-poplar	95	100	
10A:				
Craven	loblolly pine	88	129	loblolly pine
	red maple	---	0	
	southern red oak	90	72	
	sweetgum	---	0	
	white oak	90	72	
	willow oak	85	86	
10B:				
Craven	loblolly pine	88	129	loblolly pine
	red maple	---	0	
	southern red oak	90	72	
	sweetgum	---	0	
	white oak	90	72	
	willow oak	85	86	
10C:				
Craven	loblolly pine	88	129	loblolly pine
	red maple	---	0	
	southern red oak	90	72	
	sweetgum	---	0	
	white oak	90	72	
	willow oak	85	86	
11B:				
Craven	loblolly pine	80	114	loblolly pine
	sweetgum	---	0	longleaf pine
	white oak	---	0	
11C:				
Craven	loblolly pine	80	114	loblolly pine
	sweetgum	---	0	longleaf pine
	white oak	---	0	
12A:				

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	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
12A: Dorovan	---	---	---	---
13A: Emporia	loblolly pine southern red oak	75 70	100 57	loblolly pine sweetgum
13B: Emporia	loblolly pine southern red oak	75 70	100 57	loblolly pine sweetgum
13C: Emporia	loblolly pine southern red oak	75 70	100 57	loblolly pine sweetgum
14A: Exum	loblolly pine longleaf pine southern red oak sweetgum white oak yellow-poplar	82 --- --- --- --- ---	114 0 0 0 0 0	loblolly pine
15A: Munden	loblolly pine sweetgum white oak	90 90 76	129 100 57	loblolly pine
15B: Munden	loblolly pine sweetgum white oak	90 90 76	129 100 57	loblolly pine
16A: Myatt	American sycamore blackgum loblolly pine Shumard's oak southern red oak sweetgum water oak white oak	--- --- 88 --- --- 92 86 ---	0 0 129 0 0 114 86 0	loblolly pine sweetgum
17A:				

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	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
17A:				
Nansemond	loblolly pine	86	129	black walnut
	shortleaf pine	77	129	loblolly pine
	sweetgum	90	100	sweetgum
	white oak	---	0	yellow-poplar
	yellow-poplar	90	86	
Myatt	---	---	---	---
17B:				
Nansemond	loblolly pine	86	129	black walnut
	shortleaf pine	77	129	loblolly pine
	sweetgum	90	100	sweetgum
	white oak	---	0	yellow-poplar
	yellow-poplar	90	86	
Myatt	---	---	---	---
18F:				
Nevarc	loblolly pine	77	100	loblolly pine
	southern red oak	70	57	
	sweetgum	76	72	
	white oak	70	57	
	yellow-poplar	80	72	
Remlik	loblolly pine	80	114	loblolly pine
	southern red oak	74	57	
	Virginia pine	74	114	
	yellow-poplar	80	72	
19A:				
Nimmo	loblolly pine	95	143	loblolly pine
	red maple	---	0	sweetgum
	sweetgum	95	114	
	water oak	80	72	
	white oak	80	57	
	willow oak	---	0	
	yellow-poplar	---	0	
20B:				
Ocilla	blackgum	---	0	loblolly pine
	loblolly pine	79	114	
	longleaf pine	68	72	
	water oak	---	0	
20C:				

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	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
20C:				
Ocilla	blackgum	---	0	loblolly pine
	loblolly pine	79	114	
	longleaf pine	68	72	
	water oak	---	0	
21A:				
Pactolus	black cherry	---	0	loblolly pine
	loblolly pine	86	129	
	longleaf pine	---	0	
	red maple	---	0	
	sweetgum	---	0	
	water oak	---	0	
	willow oak	---	0	
22A:				
Riverview	loblolly pine	100	157	American sycamore
	sweetgum	100	143	eastern cottonwood
	yellow-poplar	110	129	loblolly pine
				sweetgum
				yellow-poplar
Chewacla	---	---	---	---
23A:				
Roanoke	sweetgum	90	100	sweetgum
	white oak	75	57	
	willow oak	76	57	
24B:				
Rumford	loblolly pine	80	114	loblolly pine
	southern red oak	65	43	
	Virginia pine	70	114	
Kenansville	---	---	---	---
Uchee	loblolly pine	80	114	loblolly pine
	longleaf pine	67	72	longleaf pine
	shortleaf pine	---	0	
24C:				
Rumford	loblolly pine	80	114	loblolly pine
	southern red oak	65	43	
	Virginia pine	70	114	
Kenansville	---	---	---	---

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	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
24C:				
Uchee	loblolly pine	80	114	loblolly pine
	longleaf pine	67	72	longleaf pine
	shortleaf pine	---	0	
25A:				
Seabrook	American beech	---	0	loblolly pine
	loblolly pine	81	114	longleaf pine
	longleaf pine	---	0	
	red maple	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	water oak	---	0	
	willow oak	---	0	
	yellow-poplar	---	0	
Chewacla	---	---	---	---
26A:				
Slagle	loblolly pine	86	129	loblolly pine
	southern red oak	76	57	sweetgum
	sweetgum	86	100	yellow-poplar
	water oak	76	72	
	yellow-poplar	90	86	
26B:				
Slagle	loblolly pine	86	129	loblolly pine
	southern red oak	76	57	sweetgum
	sweetgum	86	100	yellow-poplar
	water oak	76	72	
	yellow-poplar	90	86	
26C:				
Slagle	loblolly pine	86	129	loblolly pine
	southern red oak	76	57	sweetgum
	sweetgum	86	100	yellow-poplar
	water oak	76	72	
	yellow-poplar	90	86	
27A:				
State	American beech	---	0	black walnut
	hickory	---	0	loblolly pine
	loblolly pine	86	129	yellow-poplar
	southern red oak	85	72	
	Virginia pine	85	129	
	white oak	---	0	
	yellow-poplar	100	114	

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	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
27B:				
State	American beech	---	0	black walnut
	hickory	---	0	loblolly pine
	loblolly pine	86	129	yellow-poplar
	southern red oak	85	72	
	Virginia pine	85	129	
	white oak	---	0	
	yellow-poplar	100	114	
28B:				
Tarboro	hickory	---	0	loblolly pine
	loblolly pine	72	100	longleaf pine
	longleaf pine	---	0	
	red maple	---	0	
	southern red oak	---	0	
	sweetgum	---	0	
	water oak	---	0	
	white oak	---	0	
29A:				
Tomotley	blackgum	---	0	loblolly pine
	loblolly pine	97	143	
	red maple	---	0	
	sweetgum	---	0	
	water oak	78	72	
	water tupelo	---	0	
	willow oak	86	86	
	yellow-poplar	---	0	
30B:				
Uchee	loblolly pine	80	114	loblolly pine
	longleaf pine	67	72	longleaf pine
	shortleaf pine	---	0	
30C:				
Uchee	loblolly pine	80	114	loblolly pine
	longleaf pine	67	72	longleaf pine
	shortleaf pine	---	0	
30D:				
Uchee	loblolly pine	80	114	loblolly pine
	longleaf pine	67	72	longleaf pine
	shortleaf pine	---	0	
31:				
Udorthents	---	---	---	---
32A:				

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	Common Trees	Site Index	Volume of Wood Fiber Cu Ft/Acre	
32A:				
Urban land	---	---	---	---
Udorthents	---	---	---	---
33F:				
Winton	American beech	---	0	loblolly pine
	loblolly pine	93	143	
	southern red oak	---	0	
	sweetgum	---	0	
	water oak	---	0	
	white oak	---	0	
34A:				
Yemassee	blackgum	---	0	American sycamore loblolly pine yellow-poplar
	hickory	---	0	
	loblolly pine	90	129	
	longleaf pine	80	100	
	southern red oak	---	0	
	sweetgum	95	114	
	white oak	---	0	
	yellow-poplar	100	114	
Myatt	---	---	---	---
W:				
Water	---	---	---	---